CHAPTER SIX - AIRPORT PLANS

OVERVIEW

The purpose of an approved Airport Layout Plan (ALP) is to serve as the blueprint for future airport development. One condition of accepting and utilizing grant funding for airport improvement projects is to maintain an updated ALP. For the Knox County Regional Airport (RKD), the updated development recommendations presented in this Master Plan Update are pictorially summarized in the ALP Drawing Set and include the preferred concepts for airfield development (e.g., runway extension, new taxiways), apron and hangar development, and other support facilities. The ALP Drawing Set represents a scaled, graphic presentation of RKD's 20-year development program. The ALP provides the County Commission of Knox County (ACFC) with a feasible improvement plan that would increase the capability and safety of aircraft operations, promote compatibility with existing and proposed developments, and further upgrade the airport as a means of meeting the anticipated demand of general aviation, corporate, and commercial traffic. The drawings depict the recommendations of this Master Plan Update with regard to aviation development for the short, intermediate, and long-term planning periods.

The dimensional information provided in the drawings demonstrates compliance with minimum airport design standards established by federal, state, and local authorities. The ALP Drawing Set was developed in accordance with the guidance outlined in the FAA Advisory Circular (AC) 150/5070-6, Airport Master Plans, AC 150/5300-13A, Airport Design, and other supporting circulars and orders.

The ALP Drawing Set includes the following individual drawing sheets:

- Sheet 1 Title Sheet
- Sheet 2 Data Tables Plan
- Sheet 3 Existing Facilities Plan
- Sheet 4 Airport Layout Plan
- Sheet 5 Terminal Area Drawing
- Sheet 6 Runway 13 Plan and Profile
- Sheet 7 Runway 31 Plan and Profile
- Sheet 8 Runway 3 Plan and Profile
- Sheet 9 Runway 21 Plan and Profile
- Sheet 10 Airport Airspace Plan

Full size 24" x 36" (ARCH D) sheets were produced as part of this master plan update and were submitted as separate documents. Reduced size reproductions of the drawing sheets are provided at the end of this chapter for illustration purposes only.



TITLE SHEET (SHEET 1)

The Cover Sheet serves as the introduction to the ALP Drawing Set. It includes the airport name, a location map, vicinity map, and an index of drawings included in the ALP Drawing Set. Also highlighted on the Title Sheet are the project name and the sponsor's name and logo, and date.

DATA TABLES PLAN (SHEET 2)

Sheet 2 contains several data tables that are keyed to the ALP set. These include the Airport Data Table, Runway Data Table, and Facilities Building Table. In addition, the airport's Wind Rose and legends are also provided on the Data Sheet.

EXISTING FACILITIES PLAN (SHEET 3)

This drawing depicts existing facilities and is similar to the Airport Layout Plan except it does not present proposed development.

AIRPORT LAYOUT PLAN (SHEET 4)

The Airport Layout Plan Drawing, also referred to as the ALP, depicts all existing facilities and proposed developments planned over the 20-year planning period at RKD. These plans are reviewed by and must be approved by the FAA prior to authorizing federal funding for future improvement projects. The ALP provides clearance and dimensional information required to show conformance with applicable FAA design standards as outlined in FAA AC 150/5300-13A, Airport Design. The ALP also reflects planned changes to physical features on the airport property and critical land use changes near the airport property that may affect navigable airspace or the ability of the airport to operate. The features of the ALP include, but are not limited to runways, taxiways, lighting, navigational aids, terminal facilities, hangars, other airport buildings, aircraft parking areas, automobile parking and airport access elements.

Key dimensional criteria for safety areas and facilities associated with Runway 13-31 were based on FAA design standards associated with Airport Reference Code (ARC) B-II and an ARC of B-II was applied to Runway 3-21. This criteria dictates the size of the runways and various taxiways, runway safety areas and runway object free areas, building restriction lines, and navigational aid critical areas, and other dimensional data recommended by the FAA. Airport coordinates, runway end elevations, runway high and low points, and true azimuths for each runway, are also included on the Airport Layout Plan Drawing. Supplemental tables, as required by the FAA ALP Checklist, are depicted on Sheet 2 the Airport Data Sheet including the Airport Data Table, Runway Data Table, and Building Data Table.



TERMINAL PLAN (SHEET 5)

The Terminal Area Drawings present an enlarged view of the terminal area and therefore provide additional dimensional details, including apron areas (existing and proposed) that are not easily visible on the ALP. This drawing denotes the short and long-term developments and improvements within the vicinity of the terminal complex at RKD.

RUNWAY PLAN AND PROFILE (SHEETS 6, 7, 8 & 9)

The Runway Approach and Protection Zone Drawings show both plan and profile views of the approach surfaces beyond each runway end. The purpose of these drawings is to locate and document existing objects, which represent obstructions to navigable airspace within the existing and proposed approach slopes for each runway. Additionally, the drawings show the ground profile and terrain features along the extended centerline of each runway end. Any controlling structures, such as roadways, natural ground elevations, and trees, are also shown on the Plan and Profile Drawings, if applicable. Additionally, fixed objects located along the extended runway centerlines are also illustrated on the sheets to provide an indication of the relative distance to the approach surfaces.

AIRPORT AIRSPACE PLAN (SHEET 6)

Federal Aviation Regulations (FAR) Part 77, Objects Affecting Navigable Airspace, prescribes airspace standards, which establish criteria for evaluating navigable airspace. Airport imaginary surfaces are established relative to the airport runways and types of approaches they provide. The size of each imaginary surface is based on the runway category with respect to the existing and proposed visual, non-precision, or precision approaches for that runway. The slope and dimensions of the respective approach surfaces are determined by the most demanding, existing or proposed, approach for each runway. For Runway 13-31 at RKD, the imaginary surfaces are primarily applicable to the precision Instrument Landing System (ILS) approach to the Runway 13 end. The approaches to Runway 3 are non-precision based on a utility runway, and visual to the Runway 3 end, however non-precision approach capability is recommended for both runway ends in the future. The imaginary surfaces definitions include:

- Primary Surface A rectangular area symmetrically located about the runway centerline and extending a distance of 200 feet beyond each runway end. Its elevation is the same as the nearest point along the runway edge. The existing primary surface width for both runways is 500 feet.
- Horizontal Surface An oval shaped, flat area situated 150 feet above the published airport elevation of 55 feet at RKD. Its dimensions are determined by using 10,000foot arcs for non-utility runways, in this case Runway 13-33 and 5,000 feet for utility (centered 200 feet beyond each runway end) connected with a line tangent to those arcs. The horizontal surface elevation for RKD is 205 feet Above Mean Sea Level (AMSL).
- Conical Surface A sloping area whose inner perimeter conforms to the shape of the



horizontal surface. It extends outward for a distance of 4,000 feet measured horizontally, and slopes upward at a 20:1 ratio. RKD's conical surface extends upward to an elevation of 405 feet AMSL.

- Transitional Surface A sloping area beginning at the edges of the primary and approach surfaces and sloping upward and outward at a ratio of 7:1.
- Approach Surface This surface begins at the ends of the primary surface and slopes upward at a predetermined ratio while at the same time flaring out horizontally. The width and elevation of the inner ends conforms to that of the primary surface, while the slope, length, and outer width are determined by the runway service category and existing or proposed instrument approach procedures.

SUMMARY

The ALP Drawing Set is intended to depict RKD's capital development program in graphical form. Prior to incorporating the developments herein, preliminary plans were presented to the APAC members and to the public for their review and approval. Thus, this plan set accurately reflects the goals and intentions of airport management and adjacent community throughout the 20-year planning period.

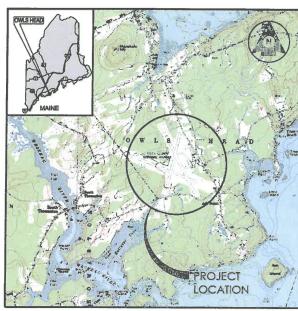




KNOX COUNTY REGIONAL AIRPORT OWLS HEAD, MAINE

AIRPORT MASTER PLAN UPDATE

JANUARY 2015 A.I.P PROJECT NO. 3-23-0042-42-2012



VICINITY MAP



INDEX OF SHEETS

SHEET NO.	TITLE
1.	TITLE SHEET
2.	DATA TABLES PLAN
3.	EXISTING FACILITIES PLAN
4.	AIRPORT LAYOUT PLAN
5.	TERMINAL PLAN
6.	RUNWAY 13 PLAN AND PROFILE
7.	RUNWAY 31 PLAN AND PROFILE
8.	RUNWAY 3 PLAN AND PROFILE
9.	RUNWAY 21 PLAN AND PROFILE
10.	AIRPORT AIRSPACE PLAN

	AIRPORT DATA TABLE	
AIRPORT DATA	EXISTING	PROPOSED
FAA Site Number	08246	08246
Airport Elevation (MSL)	55.4'	55,4"
Airport Reference Point (NAD 83)		
Latifude	44°03' 36.2677" N	44° 03' 36.2677" N
Longitude	069° 05' 57.3242" W	069° 05' 57.3242° W
Mean Max Temperature of Hottest Montin	80°F (JULY)	80°F (JULY)
Airport Navigation Aids	ILS, MALSR, PAPI, REILS	ILS, MALSR, PAPI, REILS
Miscellaneous Facilities	AWOS-III, LIGHTED WIND CONE	AWOS-III, LIGHTED WIND CONE
Declination	16*9* 1*	5.3'E per year
Source (Date)	NATIONAL GEOPHYSICAL DA	TA CENTER (November 2014)
NPIAS Service Level	C.S. PRIMARY (NON-HUB)	C.S. PRIMARY (NON-HUB)
State Service Level	LEVEL 1	LEVEL 1
Airport Reference Code	B-II	B-II
Taxiway Design Group	TG3, TG2	TG3, TG2
Design Aircraft	DASSAULT FALCON 900	DASSAULT FALCON 900

	WIN	ID DATA TAB	LE	
RUNWAY	IFR	VFR	ALL	CALMS
03/21	84.25%	93.95%	93.90%	25,14%
13/31	92.40%	95.05%	93.90%	20.14%
Source:	National Climet	ic Date Center.	Ashville, NC	
Station:	Rockland, Mair	10		
Period:	June 1954 - M	sy 1989		

DECLARED DISTANCES					
RUNWAY END ID	TORA	TODA	ASDA	LDA	
03	NIA	NA	N/A	N/A	
21	NA	N/A	NA	N/A	
13	5,407	5,407	5,407	5,007	
31	5,007	5,407	5,407	5,007	

		RUNWAY PR	ROTECTION ZONE	NOT A SERVICE ASSESSMENT OF	~~~	-
		200'	LENGTH-	-	 	
		INNER WIDTH		OU OU	DIER DIH	
7486		6	CISTING		*****	
RUNWAY	APPROACH TYPE	VISIBILITY	ENNER WIDTH	OUTER WIDTH	LENGTH	ACRES
RUNWAY 3	APPROACH TYPE NON-PRECISION		for the state of t	OUTER WIDTH	LENGTH 1,000	ACRES 13.77
RUNWAY 3 21		VISIBILITY	INNER WIDTH			ACRES 13.77 13.77
3	NON-PRECISION	VISIBILITY 1 MILE	INNER WIDTH 500'	700'	1,000°	13.77
3 21	NON-PRECISION VISUAL	VISIBILITY 1 MILE 3 MILES	INNER WIDTH 500' 500'	700' 700'	1,000°	13.77 13.77
3 21 13	NON-PRECISION VISUAL PRECISION	VISIBILITY 1 MILE 3 MILES LESS THAN 3/4 MILE 1 MILE	INNER WIDTH 500' 500' 1000'	700' 700' 1,750'	1,000° 1,000° 2,500°	13.77 13.77 76.91
3 21 13 31	NON-PRECISION VISUAL PRECISION	VISIBILITY 1 MILE 3 MILES LESS THAN 3/4 MILE 1 MILE	INNER WIDTH 500' 500' 1000' 500'	700' 700' 1,750'	1,000° 1,000° 2,500°	13.77 13.77 76.91
3 21 13	NON-PRECISION VISUAL PRECISION NON-PRECISION	VISIBILITY 1 MILE 3 MILES LESS THAN 3/4 MILE 1 MILE PRO	INNER WIDTH 500' 500' 1000' 500' 1000' 500'	700' 700' 1,750' 700'	1,000' 1,000' 2,500' 1,000'	13.77 13.77 76.91 13.77
3 21 13 31	NON-PRECISION VISUAL PRECISION NON-PRECISION APPROACH TYPE	VISIBILITY 1 MILE 3 MILES LESS THAN 34 MILE 1 MILE PROVIDERLY	SOO' SOO' 1000' SOO' 1000' SOO' 1000' SOO' INNER WIDTH	700' 700' 1,750' 700'	1,000° 1,000° 2,500° 1,000°	13.77 13.77 78.91 13.77 ACRES
3 21 13 31 RUNWAY 3	NON-PRECISION VISUAL PRECISION NON-PRECISION APPROACH TYPE NON-PRECISION	VISIBILITY 1 MILE 3 MILES LESS THAN 3% MILE 1 MILE PRI VISIBILITY 1 MILE	1000' 500' 1000' 500' 500' 500' 500' 500	700' 700' 1,750' 700' 700' 700'	1,000° 1,000° 2,500° 1,000° LENGTH	13.77 13.77 76.91 13.77 ACRES 13.77

A gard to the mean programmer is seen to		Y 13-31 DATA TABLE		
RUNWAY DATA	VAY DATA			OPOSED
THE STATE OF THE S	RUNWAY 13	RUNWAY 31	RUNWAY 13	RUNWAY 31
Jülity Runway (Y/N)	ON		NO	
Runway Dasign Code (RDC)	5-1j-2400		B-	-E-2400
Pavement Strength & Alaterial Type	ASF	PHALT	ASPHALT	
Strength by Wheel Loading	SW: 65.0), DW: 80.0	SW: 65	.0, DW: 80,0
Pavement Classification Number (PCN)	1	WA.	N/A	
Surface Treatment	N	ONE	1	NONE
Effective Runwey Gradient	0.20%	-0.20%	0,20%	-0.20%
Percent Wind Coverage	13	KTS	1	6 KTS
Runwey Length	5.	007'		5,407
Runway Width	1	001		100'
Displaced Threshold (Distance/Elevation)	NONE	NONE	400'	NONE
Runway End Coordinates				
Latifude	44° 03′ 41.4793°N	44f* 03f 23.8150*N	44° 03' 41,4790"N	44° 03' 23.8150"N
ongitude	069° 06' 30.1430''W	089" 05' 26.0940" W	069° 06' 30.1430"W	069° 06' 26.0940" W
Elevation	45.2'	54.5	45,5'	54.5'
Runway Lighting Type	н	IRL		HIRL
Approach Lighting	MALSR	NONE	MALSR	NONE
Vertical Glide Slope Indicator Lights (VGSI)	PAPI-4R	PAPI-4L	PAPI-4R	PAPI-4L
Runway Marking Type	PRECISION	PRECISION	PRECISION	PRECISION
4 CFR Part 77 Approach Category	PRECISION	NON-PRECISION	PRECISION	NON-PRECISION
Approach Type	ils.	RNAW-GPS, NCB	ILS	RNAV-GPS
/Isibility Minimums	1/2 MILE	1 MILE	1/2 MILE	1 MILE
Type of Required Aeronautical Survey	VERTICALLY GUIDED	KON-VERTICALLY GUIDED	VERTICALLY GUIDED	NON-VERTICALLY GUIDE
Runway Departure Surface (Y/N)	YES	YES	YES	YES
Runway Safety Area (RSA)	, LLO		144	
RSA Length Beyond Departure End	600'	600°	600.	600'
RSA Length Prior to Threshold	600,	8001	800'	600,
RSA Width		900		300
Object Free Area (OFA)				000
OFA Length Beyond Departure End	60C	6007	600.	300'
OFA Length Prior to Threshold	600'	800'	600'	300'
OFA Width		00	800'	
Obstacle Free Zone (OFZ)		JU.		000
OFZ Length	400"	400'	400°	400'
DFZ Width		400'		200
Precision Obstacle Free Zone (POFZ)		uu		AN
Precision Obstacle Free Zone (POFZ)	200'	b)rA	000	#124 AND
		N/A	200	N/A
POFZ Width	117 100 117 117 117 117 117	95'		800'
Threshold Sitting Surface (TSS)	NO TSS PENETRATIONS	NO TSS PENETRATIONS	NO TSS PENETRATIONS	NO TSS PENETRATIONS
/Isual and Instrument NAVAIDs	LOCALIZER, GS, PAPI	PAPI, REILS	LOCALIZER, GS, PAPI	PAPI, REILS
ouchdown Zone Elevation	53.5'	55.4"	53.5	55.4'
Textwey Design Group	TG3	TG3	TG3	TGS

		Y 3-21 DATA TABLE		
RUNWAY DATA		WAY 3		VAY 21
The state of the s	EXISTING	PROPOSED	EXISTING	PROPOSED
Utility Rumsey (Y/N)	ON		NO	
Runvay Design Code (RDC)	B-(J-4000			4000
Pavament Strength & Material Type		PHALT	1	HALT
Strength by Wineel Loading	SW: 65.0	SW: 65.0, DW: 60.0		, DW: 80.0
Pevernent Classification Number (PCN)		(/A	N/A	
Surface Treatment	NO	ONE	NC	ENG
Effective Runwey Gredlent	0.10%	-0.10%	0.10%	-0.10%
Percent Wind Coverage	13	KTS	13	KTS
Rummay Length	4,	000'	4,0	30C'
Rumwey Wildih	1	00'	19	38'
Displaced Threshold (Distance/Elevation)	NONE	NONE	NONE	NONE
Rummay End Coordinates				
Leffude	44° 03' 21.6900' N	44" G3" 21.5900" N	44° 03' 21.6900' N	44° 03° 21,5900° N
Langitude	069° 06' 02.6900" W	069° 06' 02.6900° W	069° 06' 02,6903" W	069" 05' 02,6900" W
Elevation	50.2	55.11	50.2"	55.1'
Runway Lighting Type	M	IRL.	8.5	IRL
Approach Lighting	NONE	NONE	NONE	NONE
Vertical Glide Slope Indicator Lights (VGSI)	PAPI-4L	PAPI-4L	NONE	PAPI-4L
Rumwey Merking Type	NON-PRECISION	NON-PRECISION	NON-PRECISION	NON-PRECISION
4 CFR Part 77 Approach Category	NON-PRECISION	NGN-PRECISION	NON-PRECISION	NON-PRECISION
Approach Type	RNAV (GPS), NDB	VISUAL	RNAV (GPS)	RNAV (GSP)
Visibility Minimums	1 MILE	3 MILES	1 MILE	1 MILE
Type of Regulard Aeronautical Survey	NON-VERTICALLY GUIDED	NON-VERTICALLY GUIDED	NON-VERTICALLY GUIDED	NON-VERTICALLY GUIDEI
Runway Departure Surface (Y/N)	NO	NO	NO	NO
Rumway Safety Area (RSA)				i
RSA Length Beyond Departure End	300	300	330	300
RSA Length Prior to Threshold	300	300	300	300
RSA Width		50	11	
Object Free Area (OFA)				
OFA Length Beyond Departure End	300	300	300	300
OFA Length Prior to Threshold	300	300	300	300
DFA Width		30	500	
Obstacle Free Zone (OFZ)	•	99		
OFZ Length	250	250	250	250
OFZ Width	A STATE OF THE PARTY OF THE PAR	200	200	W-11-200-1-0-1-0-1-0-1-0-1-0-1-0-1-0-1-0-
Precision Obstacle Free Zone (POFZ)			20	
POFZ Length		N/A	100	N/A
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	N/A		N/A	
POFZ Width		/A	N.	
Threshold Siting Surface (TSS)	NO TSS PENETRATIONS	NO TSS PENETRATIONS	NO TSS PENETRATIONS	NO TSS PENETRATIONS
visual and Instrument NAVAIDs	PAPI, REILS	PAPI, REILS	NONE	PAPI, REILS
Fouchdown Zone Elevation	53.5	85.A'	53.5	55.4'
Textwey Design Group	TG2	TG2	TG2	TG2

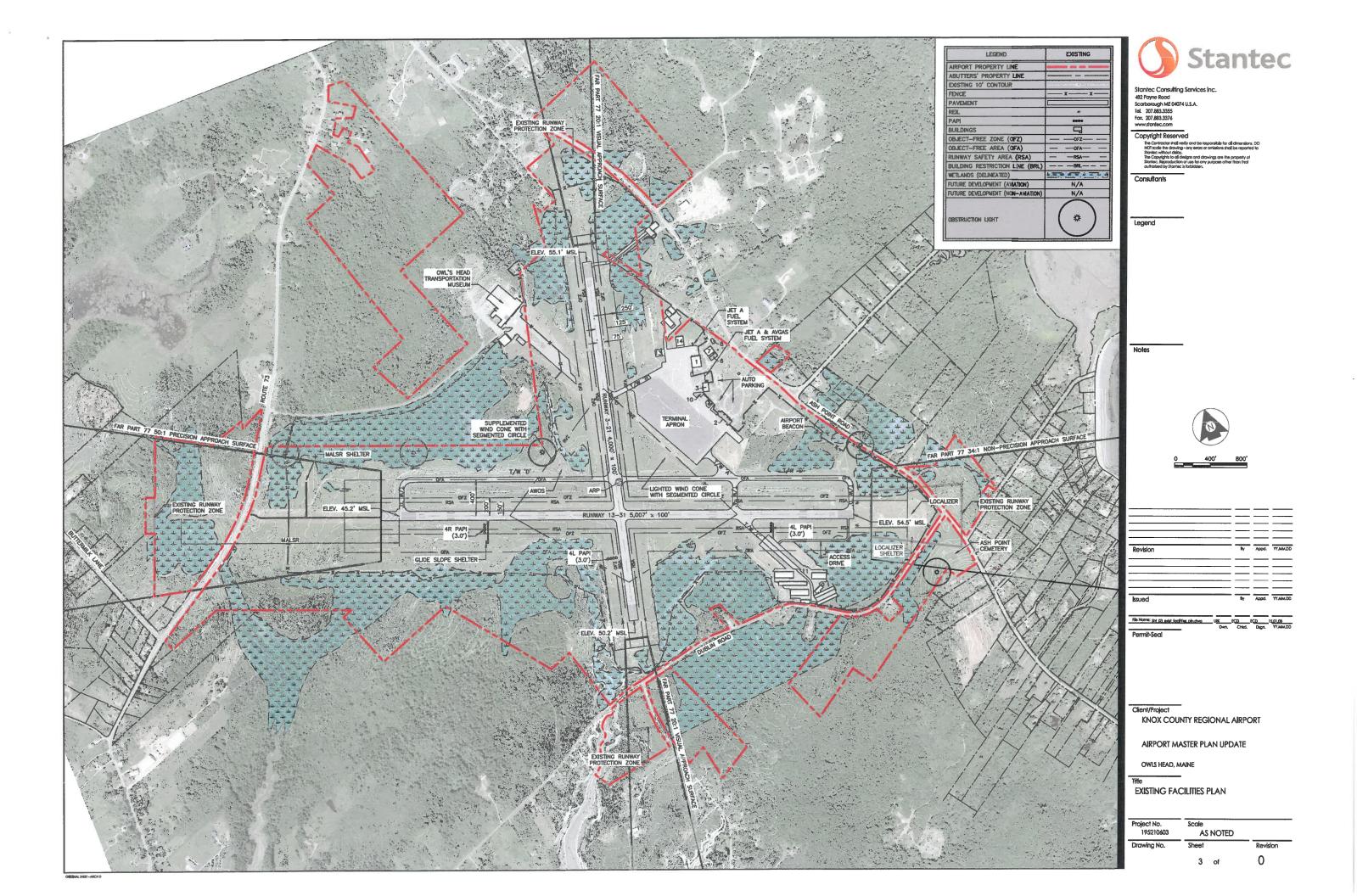


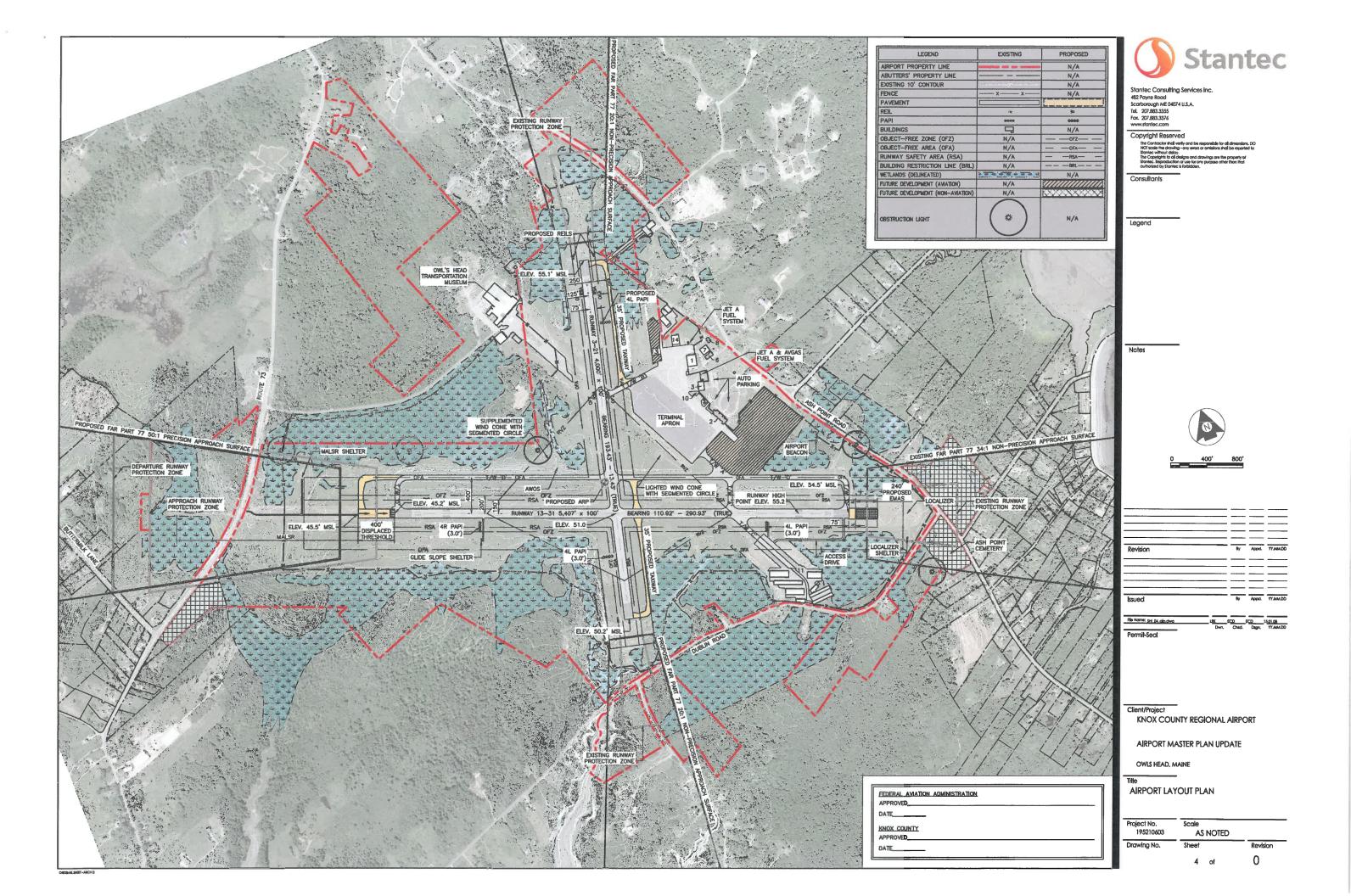
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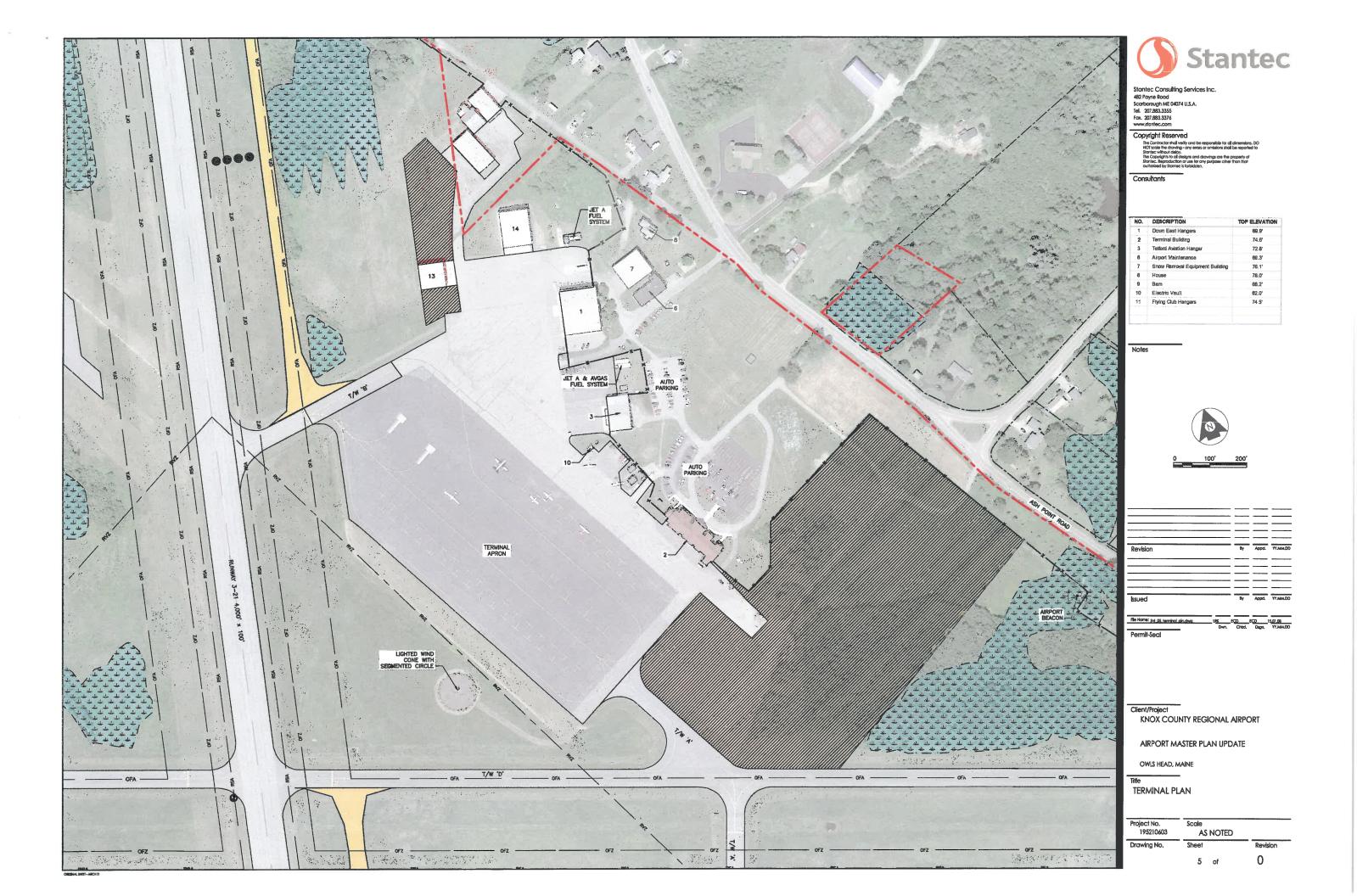
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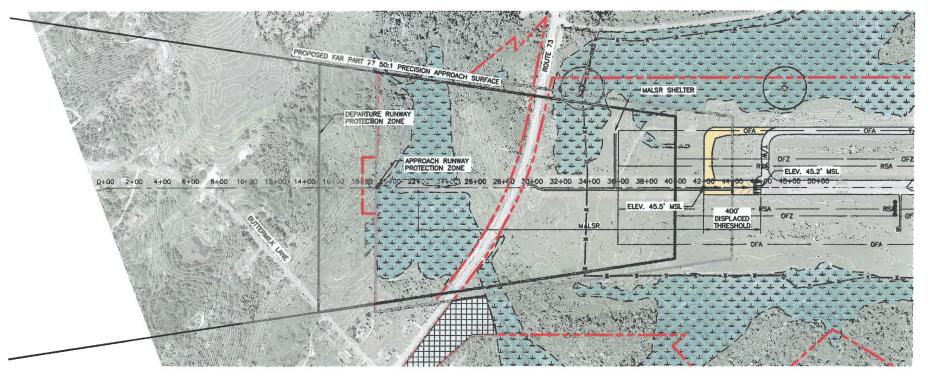
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	AIRPORT MASTER PLAN UPDATE
	OWLS HEAD, MAINE
	Title
	DATA TABLES

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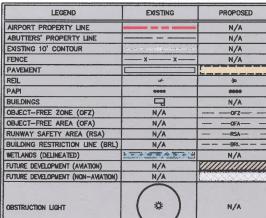








LEGEND	EXISTING	PROPOSED
AIRPORT PROPERTY LINE		N/A
ABUTTERS' PROPERTY LINE		N/A
EXISTING 10' CONTOUR	Francis - 1/2 - 11 - 11 - 11	N/A
FENCE	xx	N/A
PAVEMENT		
REIL	ut-	-30
PAPI	0000	0000
BUILDINGS	무	N/A
OBJECT-FREE ZONE (OFZ)	N/A	
OBJECT-FREE AREA (OFA)	N/A	OFA
RUNWAY SAFETY AREA (RSA)	N/A	— — RSA—
BUILDING RESTRICTION LINE (BRL)	N/A	—— —BRL——
WETLANDS (DELINEATED)		N/A
FUTURE DEVELOPMENT (AVIATION)	N/A	111111111111111111111111111111111111111
FUTURE DEVELOPMENT (NON-AVIATION)	N/A	ALCOHOLD STATE
OBSTRUCTION LIGHT	*	N/A





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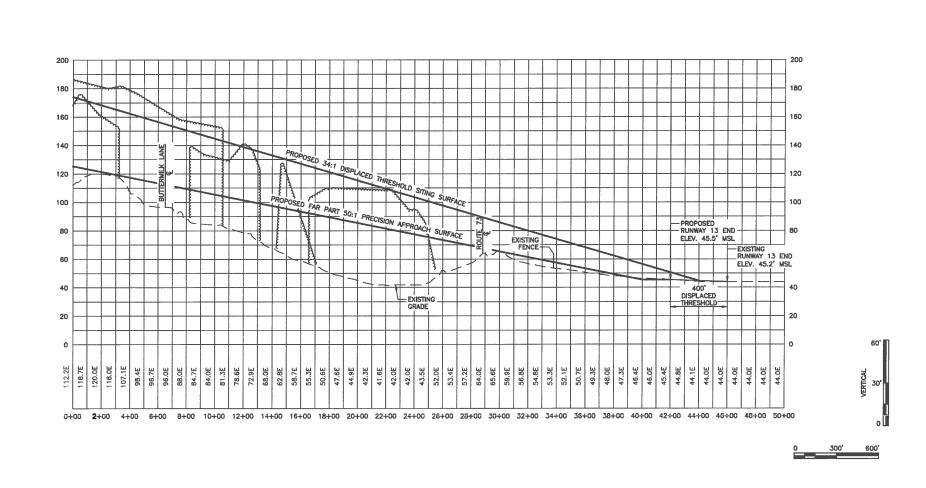
AIRPORT MASTER PLAN UPDATE

OWLS HEAD, MAINE

Title

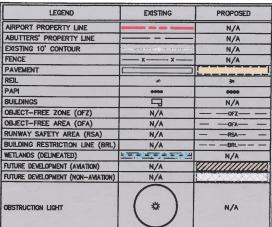
RUNWAY 13 PLAN AND PROFILE

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Drawing No.	Sheet	Revision
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LEGEND	EXISTING	PROPOSED
AIRPORT PROPERTY LINE		N/A
ABUTTERS' PROPERTY LINE		N/A
EXISTING 10' CONTOUR		N/A
FENCE	xx	N/A
PAVEMENT		
REL	×	
PAPI	0000	****
BUILDINGS	딕	N/A
OBJECT-FREE ZONE (OFZ)	N/A	OFZ
OBJECT-FREE AREA (OFA)	N/A	OFA
RUNWAY SAFETY AREA (RSA)	N/A	
BUILDING RESTRICTION LINE (BRL)	N/A	BRL
WETLANOS (DELINEATED)		N/A
FUTURE DEVELOPMENT (AVIATION)	N/A	111111111111111111111111111111111111111
FUTURE DEVELOPMENT (NON-AVIATION)	N/A	
OBSTRUCTION LIGHT	*	N/A





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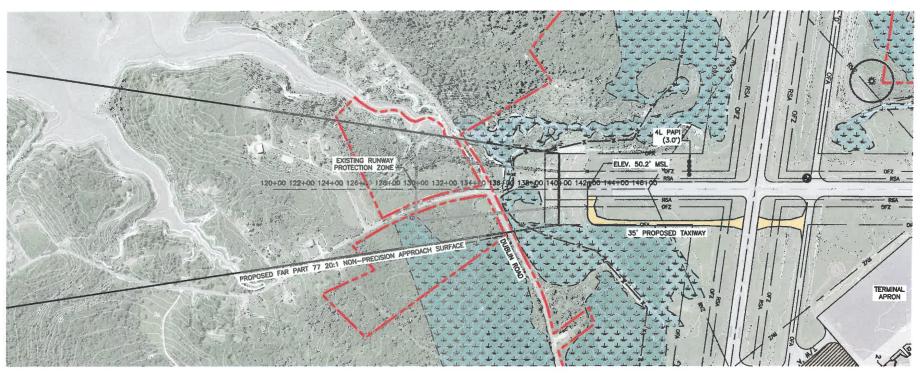
OWLS HEAD, MAINE

RUNWAY 31 PLAN AND PROFILE

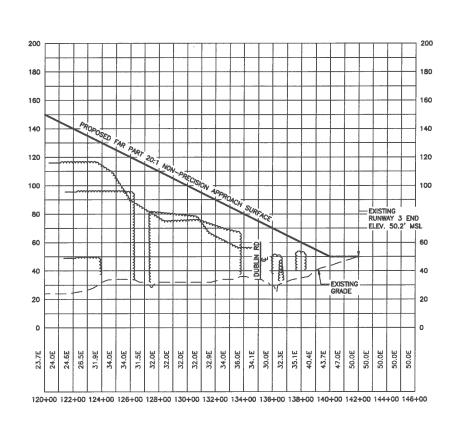
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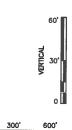
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o	+	\pm	\pm	\pm					+	1	+	1	1																	\downarrow	\pm	\downarrow	\pm		\pm	\perp														180	



LEGEND	EXISTING	PROPOSED
AIRPORT PROPERTY LINE		N/A
ABUTTERS' PROPERTY LINE		N/A
EXISTING 10' CONTOUR		N/A
FENCE	xx	N/A
PAVEMENT		
REIL	o c	-30
PAPI	0000	2000
BUILDINGS		N/A
OBJECT-FREE ZONE (OFZ)	N/A	OFZ
OBJECT-FREE AREA (OFA)	N/A	
RUNWAY SAFETY AREA (RSA)	N/A	RSA
BUILDING RESTRICTION LINE (BRL)	N/A	BRL
WETLANDS (DELINEATED)	1 4 4 4 4 4 4 4 4	N/A
FUTURE DEVELOPMENT (AVIATION)	N/A	111111111111111111111111111111111111111
FUTURE DEVELOPMENT (NON-AVIATION)	N/A	
OBSTRUCTION LIGHT	*	N/A







Stantec Consulting Services Inc. 482 Payne Road Scarbacough ME 04074 U.S.A. fel. 207.883.3355 Fox. 207.883.3376 www.stantec.com

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Legend



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Client/Project

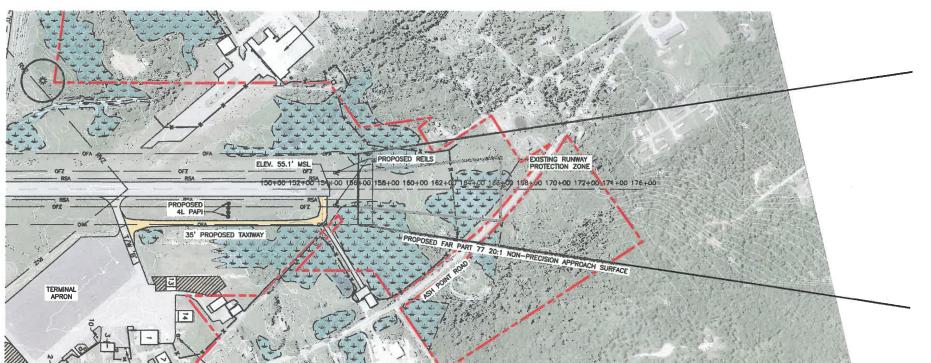
KNOX COUNTY REGIONAL AIRPORT

AIRPORT MASTER PLAN UPDATE

OWLS HEAD, MAINE

RUNWAY 3 PLAN AND PROFILE

Project No.	Scale	
195210603	AS NOTED	
Drawing No.	Sheet	Revision



LEGEND	EXISTING	PROPOSED
AIRPORT PROPERTY LINE		N/A
ABUTTERS' PROPERTY LINE		N/A
EXISTING 10' CONTOUR	······································	N/A
FENCE	xx	N/A
PAVEMENT		
REIL	d-	- j o
PAPI	****	0000
BUILDINGS	무	N/A
OBJECT-FREE ZONE (OFZ)	N/A	
OBJECT-FREE AREA (OFA)	N/A	— — OFA— —
RUNWAY SAFETY AREA (RSA)	N/A	— —RSA— —
BUILDING RESTRICTION LINE (BRL)	N/A	BRL
WETLANDS (DELINEATED)		N/A
FUTURE DEVELOPMENT (AVIATION)	N/A	
FUTURE DEVELOPMENT (NON-AVIATION)	N/A	
OBSTRUCTION LIGHT	*	N/A



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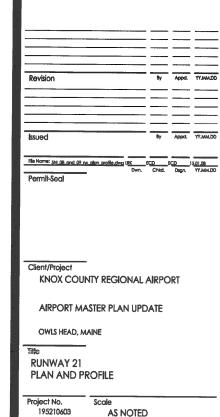
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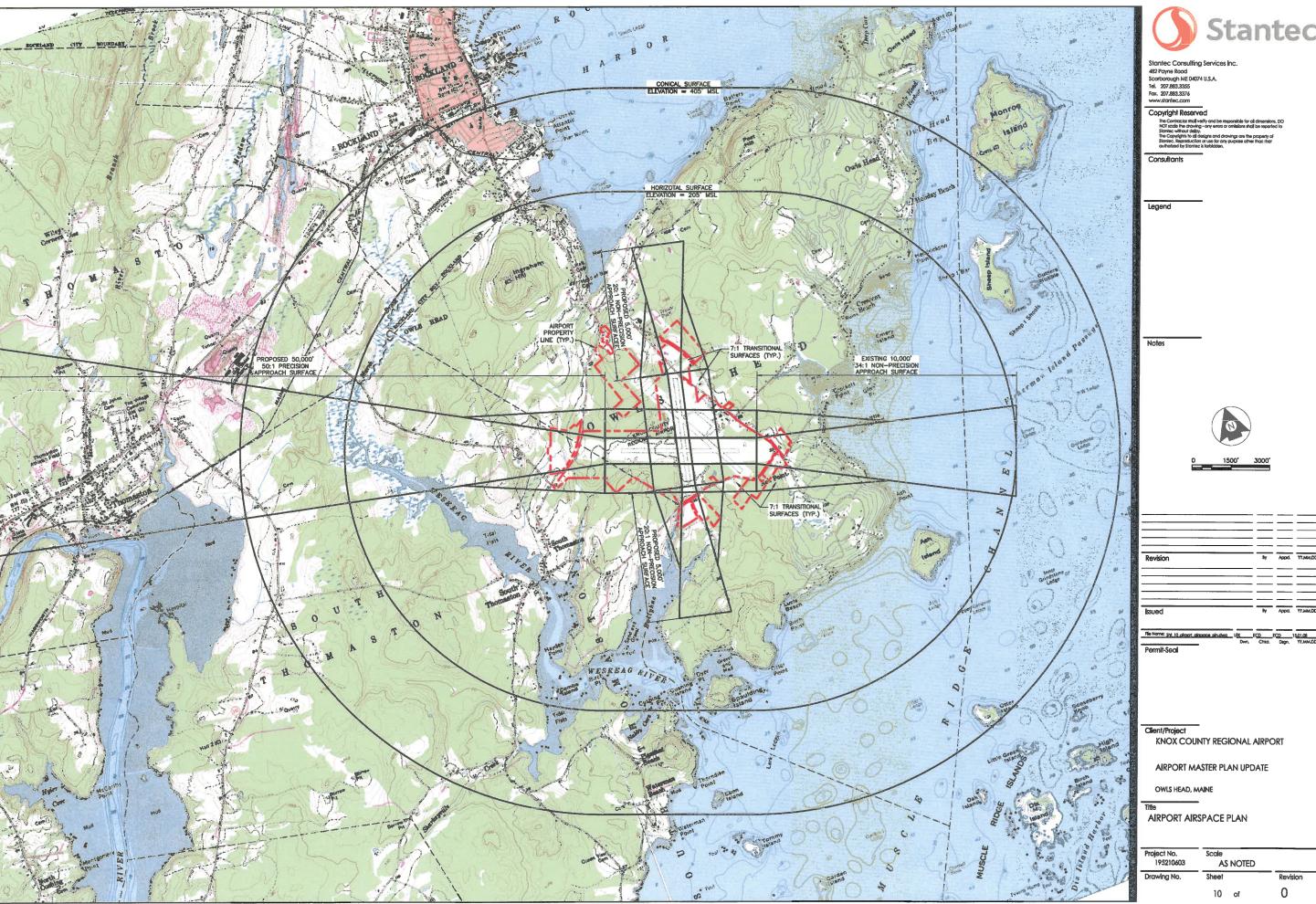


150+00 152+00 154+00 156+00 158+00 150+00 162+00 164+00 168+00 168+00 170+00 172+00 174+00 176+00



AS NOTED Drawing No. Sheet

0



Project No. 195210603	Scale AS NOTED	
Drawing No.	Sheet	Revision
	10 of	0